

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A method of providing transcoding content of documents on an information server via a network, comprising the steps of:

transcoding a first content into a second content according to each of a plurality of characteristics, said transcoding of said first content taking place before a reception of a request for access to said first content;

receiving a request from a user for access to a said first content from a user terminal document situated on the information server, said access request beginning a communication session;

analyzing characteristics deriving a characteristic contained in said access request; and

transcoding content of at least a second document situated on the information server according to said characteristics, the transcoding of said second document taking place before reception of a request for access to said second document sending said second content corresponding to the derived characteristic to said user terminal in response to said access request.

2. (Currently Amended) The providing transcoding method according to Claim 1, wherein the transcoding step is interrupted upon reception of a request for access to a document on the information server the first content.

3. (Currently Amended) The providing transcoding method according to one of Claims 1 or 2, wherein, at the transcoding step, content of all documents situated on the an information server is transcoded according to said characteristics.

4. (Currently Amended) The providing transcoding method according to one of Claims 1 or 2, wherein, at the transcoding step, content of only some documents situated on the an information server is transcoded according to said characteristics.

5. (Currently Amended) The providing transcoding method according to one of Claims 1 or 2, further comprising a step of determining an order of processing for the transcoding of the documents content situated on the an information server.

6. (Currently Amended) The providing transcoding method according to Claim 5, wherein, at the determination step, the order of processing of the documents content is determined according to frequency of access to the documents content on the information server.

7. (Currently Amended) The providing transcoding method according to Claim 6, wherein only some documents content having a frequency of access greater than a threshold amount are transcoded.

8. (Currently Amended) The providing transcoding method according to Claim 5, wherein, at the determination step, the order of processing of the documents

content is determined according to a tree of the documents content on the information server.

9. (Currently Amended) The providing transcoding method according to one of Claims 1 or 2, wherein, at the analysis deriving step, the characteristics characteristic contained in said access request are is chosen amongst characteristics of a terminal of said user, characteristics of a communication network between said user and the an information server, and characteristics peculiar to the user.

10. (Currently Amended) The providing transcoding method according to one of Claims 1 or 2, further comprising a step of eliminating said transcoded content documents on the information server at the end of the communication session between said user terminal and the an information server.

11. (Currently Amended) A device for providing transcoding content of documents on an information server, comprising:

transcoding means for transcoding a first content into a second content according to each of a plurality of characteristics, said transcoding of said first content taking place before a reception of a request for access to said first content;

receiving means for receiving a request from a user for access to a said first document situated on the information server content from a user terminal;

analyzing deriving means for analyzing characteristics deriving a characteristic contained in said access request; and

~~transcoding means for transcoding content of at least a second document situated on the information server according to said characteristics, the transcoding of said second document taking place before reception of a request for access to said second document sending means for sending said second content corresponding to the derived characteristic to said user terminal in response to said access request.~~

12. (Currently Amended) The providing transcoding device according to Claim 11, further comprising determination means for determining an order of processing for the transcoding of ~~the documents~~ content situated on the information server.

13. (Currently Amended) The providing transcoding device according to one of Claims 11 or 12, further comprising means for eliminating transcoded content documents on the information server at the end of said a communication session between the user and the an information server.

14. (Currently Amended) The providing transcoding device according to one of Claims 11 or 12, wherein said receiving means, said analyzing deriving means, and said transcoding means are incorporated in:

a microprocessor;

a read only memory adapted to store a program for transcoding providing the content of documents; and

a random access memory comprising registers adapted to store variables modified during the running of said program.

15. (Currently Amended) An information server, characterized in that it comprises means adapted to implement the providing transcoding method according to one of Claims 1 or 2.

16. (Currently Amended) A communication network comprising at least one information server delivering documents to one or more users of the information network, characterized in that it comprises means adapted to implement the providing transcoding method according to one of Claims 1 or 2.

17. (Currently Amended) A computer program, stored on a computer-readable medium and readable by a microprocessor, that when implemented by a computer causes the computer to implement the providing transcoding method according to one of claims 1 or 2.

18. (Currently Amended) The providing transcoding device according to Claim 13, wherein said determining determination means and said eliminating means are incorporated in:

a microprocessor;

a read only memory adapted to store a program for transcoding providing the content of documents; and

a random access memory comprising registers adapted to store variables modified during the running of said program.